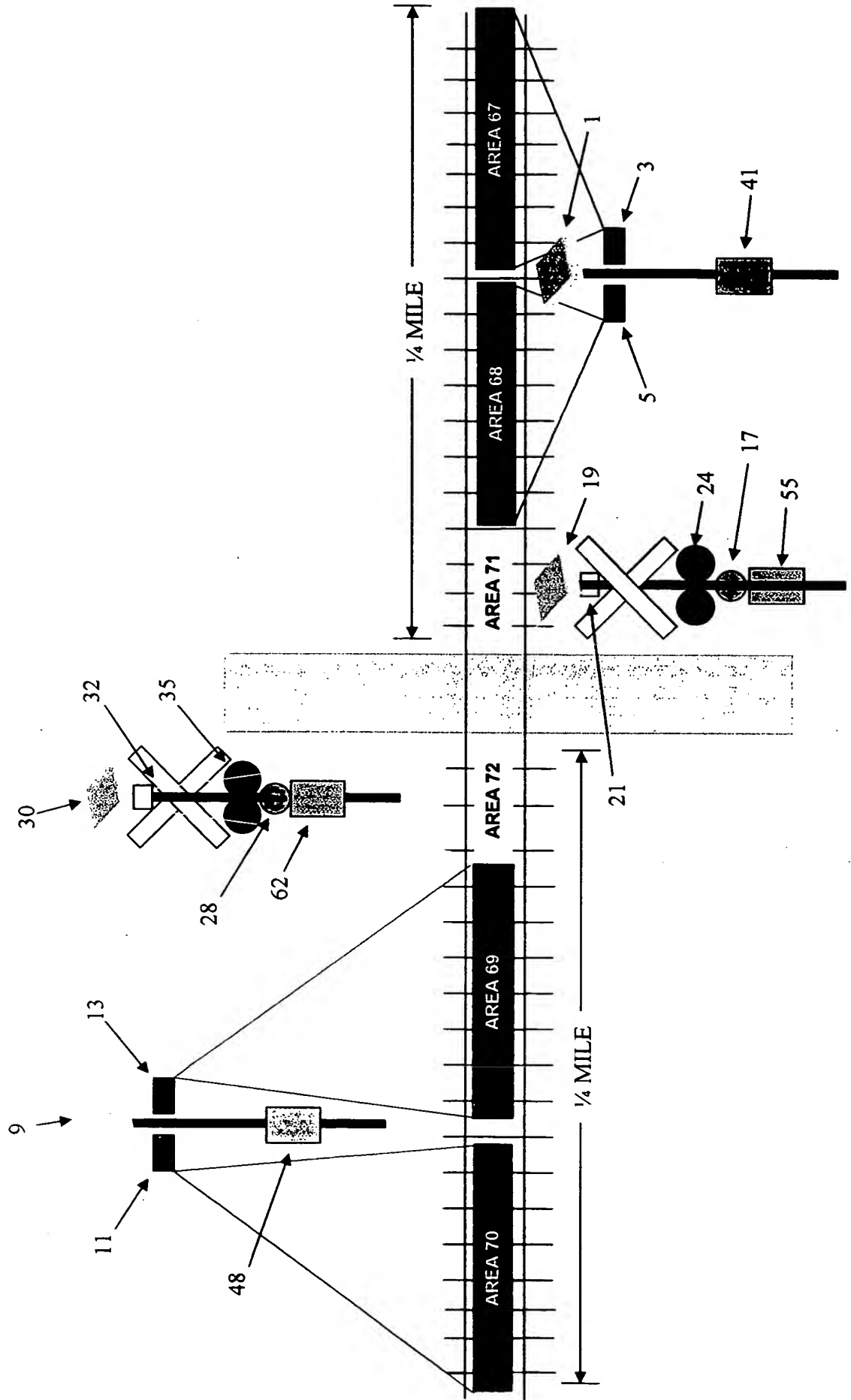BEST AVAILABLE COPY

FIGURE 1

DETECTION
AREAS

MOTION DETECTOR LOCATION
AREAS 67 AND 68
< CROSSING DIRECTION

FIG. 2

MOTION
DETECTOR
5

6

BATTERY
39
SOLAR
PANEL
1

40

CONTROL
PANEL
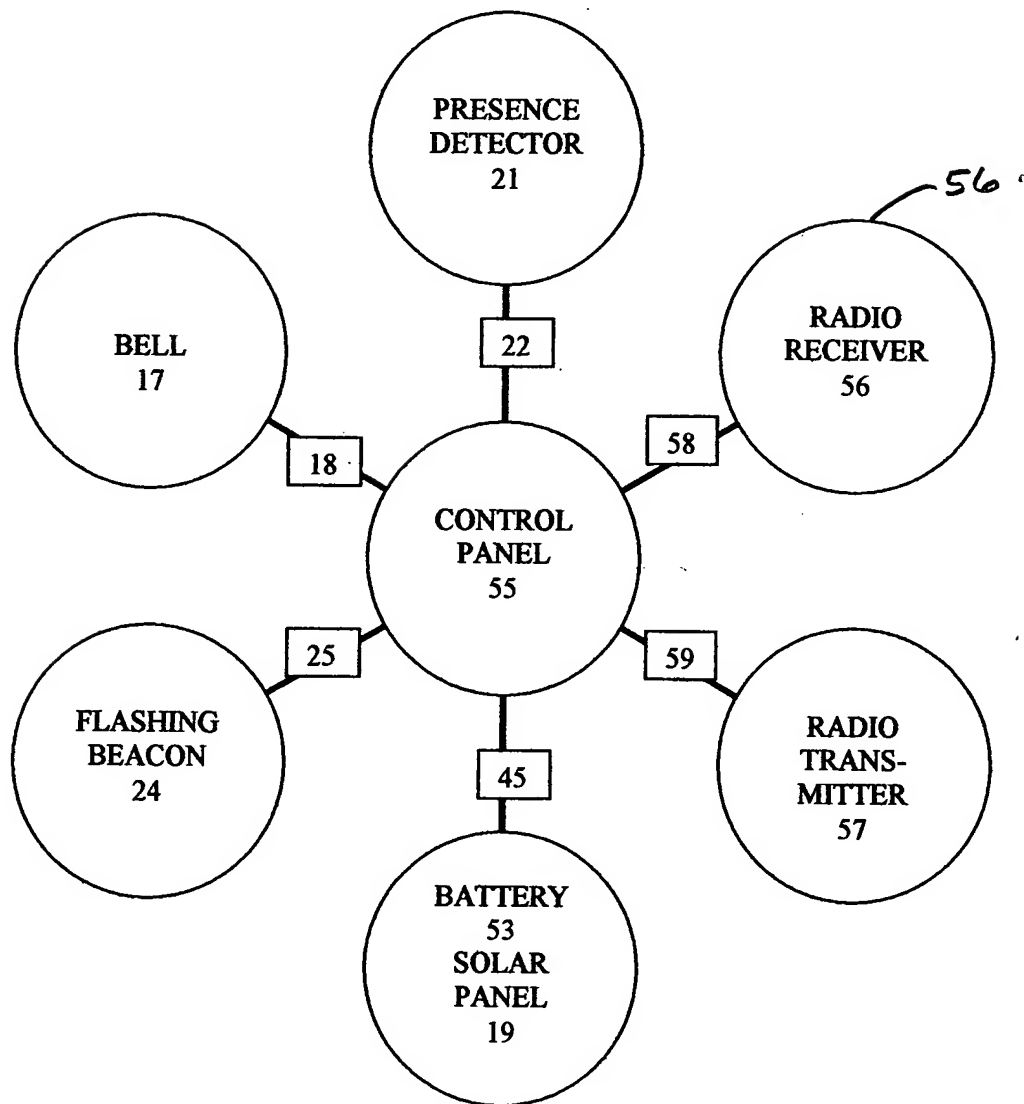41

4

MOTION
DETECTOR
3

45

RADIO
TRANS-
MITTER
43
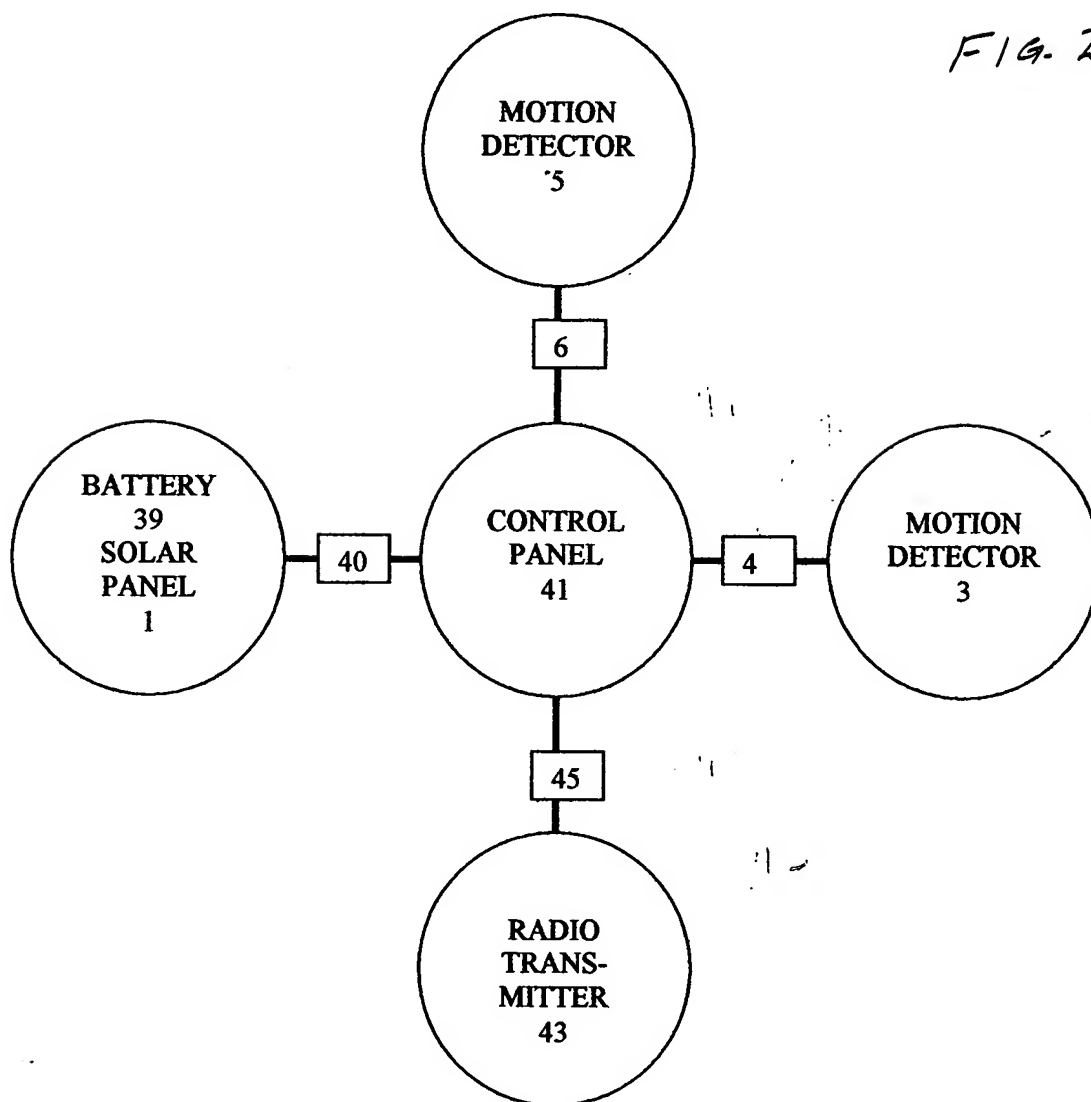
MOTION DETECTOR LOCATION
AREAS 69 AND 70
CROSSING DIRECTION >

FIG. 3

MOTION
DETECTOR
11

12

BATTERY
46
SOLAR
PANEL
9

47

CONTROL
PANEL
48

14

MOTION
DETECTOR
13

52

RADIO
TRANS-
MITTER
50
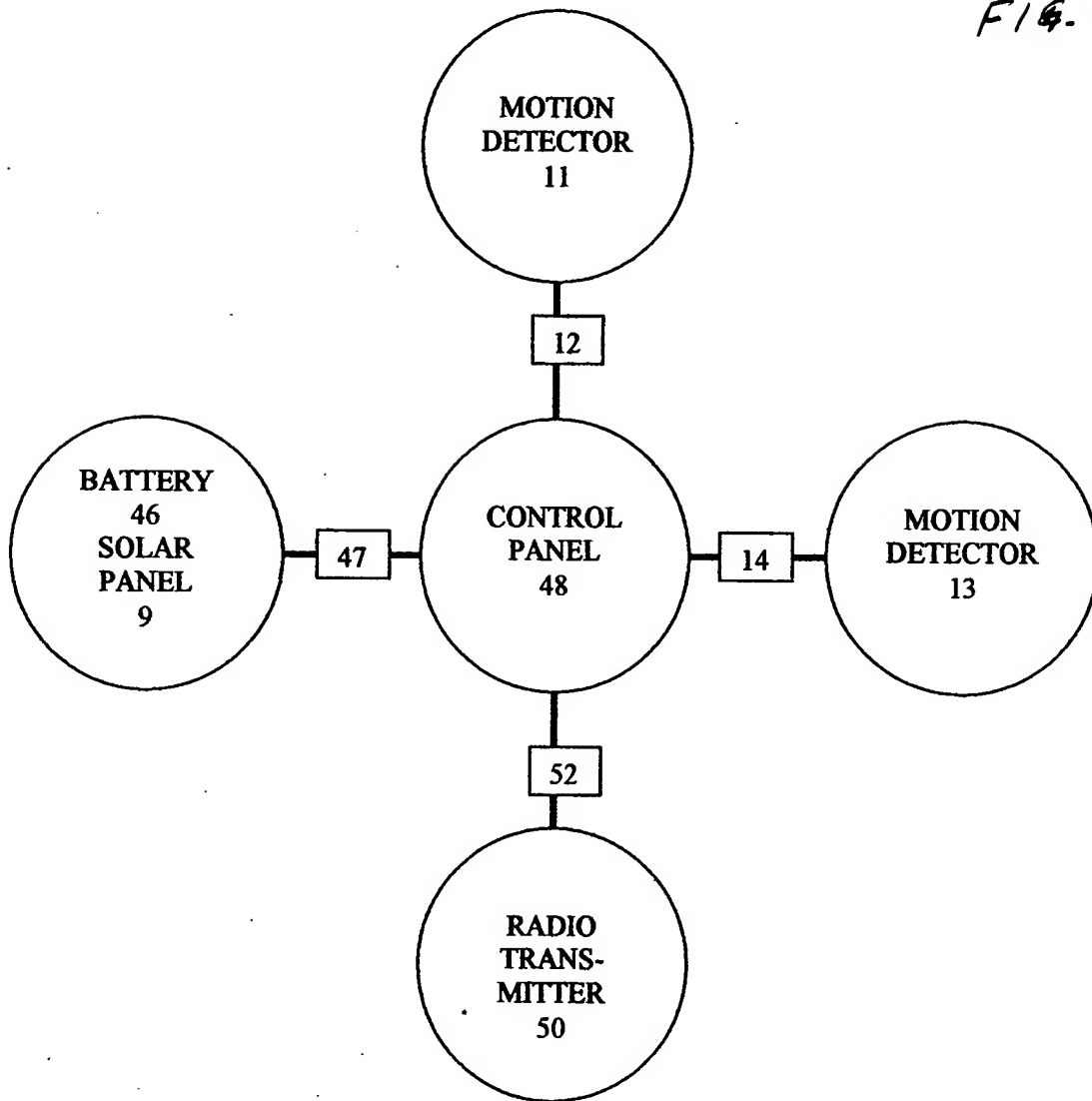
FLASHING BEACON LOCATION
AREA 71
< CROSSING DIRECTION

FIG 4

PRESENCE
DETECTOR
21

BELL
17

RADIO
RECEIVER
56

56

22

18

58

CONTROL
PANEL
55

25

59

FLASHING
BEACON
24

RADIO
TRANS-
MITTER
57

45

BATTERY
53
SOLAR
PANEL
19

FLASHING BEACON LOCATION
AREA 72
CROSSING DIRECTION >

FIG 5

PRESENCE
DETECTOR
32

RADIO
RECEIVER
63

BELL
28

33

65

29

CONTROL
PANEL
62

36

66

FLASHING
BEACON
35

RADIO
TRANS-
MITTER
64

61

BATTERY
60
SOLAR
PANEL
30